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Amendments to the Claims:

1-17. (Cancelled)

18. (New) A computer-implemented method for dynamically resolving a pathname in the context of a user, the method comprising:

receiving a pathname from a requesting component wherein the pathname includes a variable associated with a user context;

identifying the variable in the pathname that is associated with the user context;

mapping the variable associated with the user context to a value;

modifying the pathname by including the value in the pathname;

resolving the pathname to a handle for an object associated with the value; and

returning the handle for the object to the requesting component for access to the object.

19. (New) The computer-implemented method of claim 1, wherein the value is a value associated with a current user of the requesting component.

20. (New) The computer-implemented method of claim 1, wherein the value is a value associated with a location of the requesting component within a network.

21. (New) The computer-implemented method of claim 1, wherein the value is a factor in resolving the pathname to the handle for the object.

22. (New) The computer-implemented method of claim 1, wherein the variable associated with the user context includes a prefix that indicates that the variable is associated with the user context.

23. (New) The computer-implemented method of claim 1, wherein modifying the pathname includes replacing the variable associated with the user context with the value.

24. (New) The computer-implemented method of claim 1, wherein mapping the variable includes accessing an updatable data store and mapping the variable to the value associated with the data store.

25. (New) The computer-implemented method of claim 24, wherein the data store includes a plurality of mappings, wherein each mapping is associated with a user, wherein at least one of the mappings is different than the other mappings to implicate a different object than the other mappings.

26. (New) A computer-readable storage medium having computer-executable instructions for dynamically resolving a pathname in the context of a user, the instructions comprising:

receiving a pathname from a requesting component wherein the pathname includes a prefix and a variable associated with a user of the requesting component;

identifying the variable in the pathname that is associated with the user context, wherein the variable is identified from the prefix;

mapping the variable associated with the user context to a value that implicates the current user of the requesting component;

modifying the pathname by replacing the variable associated with the user context with the value;

resolving the pathname to a handle for an object associated with the value; and

returning the handle for the object to the requesting component for access to the object.

27. (New) The computer-readable storage medium of claim 26, wherein the value implicates a location of the requesting component with a network.

28. (New) The computer-readable storage medium of claim 26, wherein the value is a factor in resolving the pathname to the handle for the object.

29. (New) The computer-readable storage medium of claim 26, wherein mapping the variable includes accessing an updatable data store and mapping the variable to the value associated with the data store.

30. (New) The computer-readable storage medium of claim 29, wherein the data store includes a plurality of mappings, wherein each mapping is associated with a user, wherein at least one of the mappings is different than the other mappings to implicate a different object than the other mappings.

31. (New) A system for dynamically resolving a pathname in the context of a user, the system comprising:

a requesting component associated with a user mode, wherein the requesting component is configured to send a pathname, receive an object handle, and obtain an object associated with the object handle, wherein the pathname includes a variable associated with a user context;

a variable identifier component associated with the user mode, wherein the variable identifier component is configured to identify the variable associated with the user context;

a data store component associated with a kernel mode, wherein the data store component includes mappings that map the variable associated with the user context to a value; and

a pathname engine component associated with the kernel mode, wherein the pathname engine component is configured to receive the pathname from the requesting

component, request evaluation of the pathname from the variable identifier component, receive an identified variable from the variable identifier component, access the data store component to receive a value associated with the identified variable, obtain a modified pathname that includes the value, and return an object handle to the requesting component that is based on the modified pathname that includes the value.

32. (New) The system of claim 31, wherein the value is a value associated with a current user of the requesting component.

33. (New) The system of claim 31, wherein the value is a value associated with a location of the requesting component within a network.

34. (New) The system of claim 31, wherein the value is a factor in resolving the pathname to the object handle.

35. (New) The system of claim 31, wherein the variable associated with the user context includes a prefix that indicates that the variable is associated with the user context.

36. (New) The system of claim 31, wherein the modified pathname has the variable associated with the user context replaced by the value.

37. (New) The system of claim 31, wherein the data store component includes a plurality of mappings, wherein each mapping is associated with a user, wherein at least one of the mappings is different than the other mappings to implicate a different object than the other mappings.